BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

SCHDULE-B

Name of Work: Improvements to roads & drains near behind widia factory to Sriram reddy house upto SWD in Ward No 14 Bagalagunte

Sl	Description of Work	Unit	Qty	Sanctioned Rates	
				In figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications	Cum	210.96	75.60	Rupees Seventy Five & Sixty Paise Only
2	**Removing B.S.Slab** of drain and stacking etc., complete	Sqm	416.00	58.32	Rupees Fifty Eight & Thirty two Paise only
3	Providing and laying in position **plain cement** concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	95.28	4847.04	Rupees Four thousand eight hundred forty seven and Four Paise only
4	Providing and constructing granite/trap/basalt **size stone masonry** in foundation in cement motor 1:6, Stone hammered dressed in courses not less than 20 cms high. Bond stones at two m apart in each course including cost of materials, labour, curing including cost of materials, labour, curing complete as per specifications	Cum	37.80	3836.16	Rupees Three Thousand eight hundred thirty six & sixteen Paise Only
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications,	Sqm	360.00	292.68	Rueeps Two hundred Ninty two & sixty eight paise only
6	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC Cement @220 kgs with 20 mm and down size graded granite aggregates @ 0.84 cum and fine aggregates @0.56 cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well comated, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per , Specification	Sqm	3.60	5287.68	Rupees Five thousand Two hundred eighty seven & sixty eight Paise only

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7	Providing and laying in position plain cement concrete of mix **M1:2:4 with c**ement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	60.98	5228.98	Rupees Five Thousand two hundred twenty eight & Ninty eight Paise Only
8	**Refixing stone slabs** of drains and pointing in CM 1:3 etc complete	Sqm	416.88	75.60	Rupees Seventy five and Sixty Paise Only
9	**Providing Granite slabs** selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick	Sqm	277.92	639.36	Rupees Six hundred thirty nine & Thirty six Paise Only.
10	Providing and constructing precast **concrete solid blocks** with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size **40x20x20** cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm	617.60	993.60	Rupees Nine hundred Ninty three & sixty paise Only
11	Providing **T.M.T steel** reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification	q	27.90	7835.18	Rupees Seven thousand eight hundred thirty five & eighteen Paise Only
12	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm	784.80	1600.00	Rupees One thousand Six hundred Only
13	**Scarifying existing** stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per	Sqm	1260.00	82.94	Rupees Eighty two & Ninty four Paise Only
14	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Cum.	252.00	1438.56	Rupees One Thousand four hundred thirty eight & Fifty six Paise Only

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	Providing and applying **primer coat** with S.S. Bitumen emulsion on prepared surface of granular base such as **WBM, WMM** including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Sqm	1260.00	34.56	Rupees Thirty four & Fifty six Paise Only
16	Providing and laying **bituminous concrete** with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to the required grade, level and alignment. rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Speicification clause no 500.9 complete in all respects complete as per specification no 509. using 100/200 TPH Capacity H.M.P With sensor paver Gr-II (30 mm to 45 mm) with 6% VG-Bitumen	Cum	50.40	11676.96	Rupees Eleven Thousand Six hundred Seventy six & Ninty six Paise Only
17	Carraige of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead at	Cum	50.40	73.50	Rupees Seventy Three & Fifty Paise Only
18	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum	120.00	78.24	Rupees Seventy eight & Twenty four Paise only

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